



# Indiana Crop & Weather Report

United States Dept of Agriculture

Indiana Agricultural  
Statistics Service

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## CROP REPORT FOR WEEK ENDING SEPTEMBER 7

### AGRICULTURAL SUMMARY

Heavy rain on Labor Day brought flooding and ponding of water again to many low lying areas of fields, according to the Indiana Agricultural Statistics Service. Many areas in the central districts of the state received from 4 to 8 inches of rain. Flooding was severe along the White and Eel Rivers. The recent precipitation has helped replenish deficient soil moisture and improved pasture condition. Corn harvest continued in a few fields, mostly in the southwestern region of the state. Harvesting of seed corn is underway. Corn silage was being chopped in some areas of the state.

### FIELD CROPS REPORT

There were 2.8 **days suitable for fieldwork**. Ninety-three percent of the corn acreage has reached the **dough** stage compared with 93 percent last year and 98 percent for the 5-year average. Fifty-three percent of the corn acreage has reached the **dent** stage compared with 61 percent last year and 84 percent for the average. By area, 47 percent of the corn acreage is in the dent stage in the north, 61 percent in the central region and 52 percent in the south. Seven percent of the corn acreage is **mature** (safe from frost) compared with 18 percent a year ago and 32 percent for the average. Corn **condition** is rated 61 percent good to excellent compared with 28 percent last year at this time.

Virtually all of the soybean acreage is **setting pods** except for some of the double cropped soybean acreage. Twelve percent of the soybean acreage is **shedding leaves** compared with 17 percent last year and 33 percent for the average. Soybean **condition** is rated 60 percent good to excellent compared with 32 percent last year at this time.

Major activities during the week were mowing and baling hay, attending field days, preparing equipment for harvest, moving grain to market, mowing roadsides, cleaning out grain bins and taking care of livestock.

### LIVESTOCK, PASTURE AND RANGE REPORT

**Pasture condition** is rated 8 percent excellent, 57 percent good, 26 percent fair, 7 percent poor and 2 percent very poor. Pastures have "greened up" after the recent showers. Third cutting of **alfalfa** hay is 79 percent complete compared with 76 percent last year and 92 percent for the average. **Tobacco** harvest is 36 percent complete compared with 41 percent last year and 53 percent for the average. Recent rain has caused some damage to tobacco left in the fields to cure. Livestock are in mostly good condition.

### CROP PROGRESS TABLE

Crop	This Week	Last Week	Last Year	5-Year Avg
Percent				
Corn In Dough	93	85	93	98
Corn In Dent	53	41	61	84
Corn Mature	7	3	18	32
Soybeans Shedding Lvs	12	6	17	33
Alfalfa Third Cutting	79	72	76	92
Tobacco Harvested	36	26	41	53

### CROP CONDITION TABLE

Crop	Very Poor	Poor	Fair	Good	Excellent
Percent					
Corn	5	10	24	48	13
Soybean	5	9	26	49	11
Pasture	2	7	26	57	8

### SOIL MOISTURE & DAYS SUITABLE FOR FIELDWORK TABLE

	This Week	Last Week	Last Year
Percent			
<b>Topsoil</b>			
Very Short	0	4	46
Short	5	29	41
Adequate	64	49	13
Surplus	31	18	0
<b>Subsoil</b>			
Very Short	2	4	42
Short	9	25	40
Adequate	69	60	18
Surplus	20	11	0
<b>Days Suitable</b>	2.8	5.5	7.0

### CONTACT INFORMATION

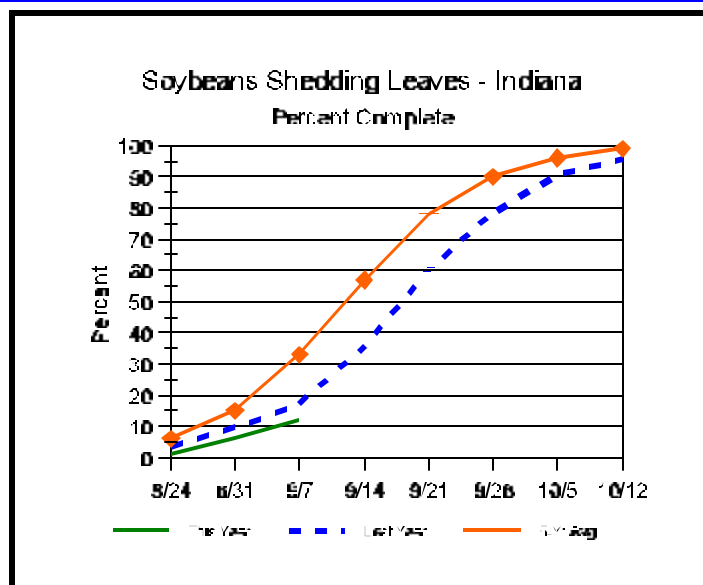
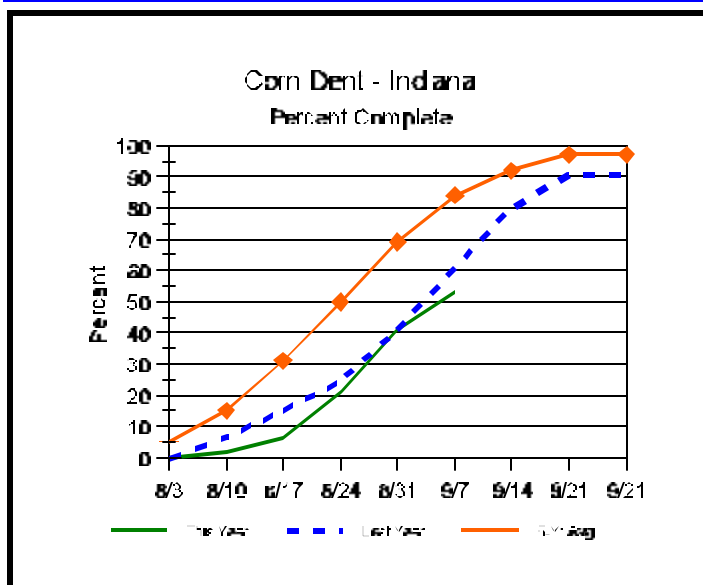
--Greg Preston, State Statistician

--Bud Bever, Agricultural Statistician

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# Crop Progress



## Other Agricultural Comments And News

### Grain Bin Clean-Up

- Stored grain insect infestations usually begin from poor sanitation
- Procedures are given to prevent infestations
- Now is the time to carry out bin clean-up procedures

Many grain bins have recently been emptied and preparation should begin for this year's harvest. Storage facilities should be readied for corn that will likely carryover to next spring or summer. Preparing bins for storage now goes a long way toward preventing insect infestations. Several species of insects may infest grain in storage. The principal insects that cause damage are the adult and larval stages of beetles, and the larval stage of moths. Damage by these insects includes reducing grain weight and nutritional value, and by causing contamination (as live or dead insects), odor, mold, and heat damage that reduce the quality of grain.

Newly harvested corn may become infested with insects when it comes in contact with previously infested grain in combines, truck beds, wagons, other grain-handling equipment, augers, bucket lifts, grain dumps, or grain already in the bin. Insects may also crawl or fly into grain bins from nearby accumulations of old contaminated grain, livestock feeds, bags, litter, any other cereal products, or rodent burrows.

Insect infestations can be prevented by employing good management practices. Now that many grain bins are empty, the following guidelines should be used before the 2003-grain is placed in bins:

- Brush, sweep out and/or vacuum the combine, truck beds, transport wagons, grain dumps, augers, and elevator buckets to remove insect-infested grain and debris.
- In empty bins, thoroughly sweep or brush down walls, ceilings, ledges, rafters, braces, and handling equipment and remove debris from bins.
- Inside cleaned bins, spray wall surfaces, ledges, braces, rafters, and floors with an approved insecticide for empty bin use (New this year - Storcide (a mixture of chlorpyrifos-methyl and cyfluthrin), Reldan (chlorpyrifos methyl), Tempo SC Ultra perimeter spray (Cyfluthrin), or diatomaceous earth) to create a perimeter barrier. Outside, complete this barrier by treating the bases and walls up to 15 feet high, plus the soil around the bins.
- Remove all debris from fans, exhausts, and aeration ducts (also from beneath slotted floors, when possible). Fumigate the false floor area if

(Continued on Page 4)

# Weather Information Table

Week ending Sunday September 7, 2003

Station	Past Week Weather Summary Data							Accumulation				
	Air			Precip.			Avg	April 1, 2003 thru				
	Temperature			4 in			Soil	September 7, 2003				
	Hi	Lo	Avg	DFN	Total	Days	Temp	Total	DFN	Days	Total	DFN
<b>Northwest (1)</b>												
Chalmers_5W	82	46	63	-7	3.06	3	66	35.26	+15.33	61	2525	-163
Valparaiso_AP_I	80	45	63	-6	1.39	2		22.77	+1.94	62	2354	-103
Wanatah	80	41	60	-7	1.48	3	69	23.93	+3.68	66	2196	-155
Wheatfield	80	43	62	-6	1.68	2		32.47	+12.72	59	2407	+1
Winamac	79	44	62	-7	2.36	3	66	26.93	+6.98	63	2375	-103
<b>North Central(2)</b>												
Plymouth	78	44	62	-8	2.20	3		23.41	+3.28	63	2288	-313
South_Bend	77	44	63	-5	1.32	2		19.79	+0.28	58	2399	-45
Young_America	78	45	63	-7	3.20	3		29.63	+10.49	60	2519	-33
<b>Northeast (3)</b>												
Columbia_City	77	47	62	-5	3.66	4	67	26.13	+6.90	71	2328	-3
Fort_Wayne	75	46	62	-7	2.09	2		28.01	+10.09	58	2386	-168
<b>West Central (4)</b>												
Greencastle	77	45	64	-7	8.28	3		30.92	+8.49	62	2429	-443
Perrysville	80	45	64	-6	4.75	3	68	25.16	+3.86	55	2692	+15
Spencer_Ag	77	50	66	-4	4.00	4		28.46	+5.56	75	2707	+0
Terre_Haute_AFB	78	48	66	-5	5.82	4		22.65	+1.47	53	2839	-15
W_Lafayette_6NW	78	45	62	-6	3.88	4	68	26.92	+7.05	66	2582	+43
<b>Central (5)</b>												
Eagle_Creek_AP	76	51	66	-5	4.73	6		27.56	+7.56	59	2744	-88
Greenfield	77	49	65	-5	4.61	4		28.38	+6.42	67	2584	-133
Indianapolis_AP	77	51	67	-4	8.29	2		31.19	+11.19	60	2806	-26
Indianapolis_SE	77	48	65	-7	5.59	2		27.25	+6.68	60	2613	-207
Tipton_Ag	78	45	63	-5	4.67	4	73	31.59	+11.41	62	2378	-89
<b>East Central (6)</b>												
Farmland	77	47	64	-4	4.08	3	66	28.11	+8.53	58	2481	+72
New_Castle	77	47	64	-5	4.77	3		27.04	+5.93	55	2160	-308
<b>Southwest (7)</b>												
Evansville	88	53	72	-1	1.29	4		22.13	+2.02	60	3209	-73
Freelandville	83	52	68	-4	2.44	3		27.14	+6.18	56	2945	-3
Shoals	83	51	70	-2	1.32	3		25.97	+3.21	59	2908	+52
Stendal	84	53	70	-3	3.04	4		24.98	+2.38	51	3065	-32
Vincennes_5NE	83	51	68	-3	1.68	3	73	27.11	+6.15	77	3009	+61
<b>South Central(8)</b>												
Leavenworth	85	54	71	+1	2.18	4		26.02	+2.74	80	2951	+111
Oolitic	83	50	68	-2	1.30	3	71	27.65	+5.71	67	2769	+37
Tell_City	88	55	72	-1	3.26	4		25.84	+2.72	53	3355	+201
<b>Southeast (9)</b>												
Brookville	83	52	69	+0	2.43	3		24.69	+3.39	63	2795	+200
Milan_5NE	81	51	67	-2	3.57	4		31.53	+10.23	94	2693	+98
Scottsburg	87	51	69	-2	2.22	4		25.30	+3.62	70	2799	-136

DFN = Departure From Normal (Using 1961-90 Normals Period).

GDD = Growing Degree Days.

Precipitation (Rainfall or melted snow/ice) in inches.

Precipitation Days = Days with precip of .01 inch or more.

Air Temperatures in Degrees Fahrenheit.

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## Grain Bin Clean-Up (Continued)

- the bin has a history of insect infestation or you have not cleaned the false floor area recently. Only certified fumigation applicators may purchase and apply these.
  - Remove all debris from the storage site and dispose of it properly according to area, state, and/or federal guidelines (the debris usually contains insect eggs, larvae, pupae, and/or adults, ready to infest the newly harvested grain).
  - Remove all vegetation growing within ten feet of the bins (preferably the whole storage area). Then spray the cleaned area around bins with a residual herbicide to remove all undesirable weedy plants.
  - Repair and seal all damaged areas to the grain storage structure. This is not only to prevent insect migration into the bin, but also to prevent water leakage, which leads to mold growth.
  - Do not store newly harvested grain on old grain already in storage.
  - Whenever fans are not operated, they should be covered and sealed. This reduces the opportunity for insects and vertebrates to enter the bin through the aeration system.
- Linda Mason and John Obermeyer, Department of Entomology, Purdue University.

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